

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US00/14398

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 13/00  
US CL : 705/1, 14, 22, 28, 401  
According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 705/1, 14, 22, 28, 401

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
EAST

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,715,403 A (STEFIK) 03 February 1998, the ABSTRACT, and FIGs. 1-19.	1-83
X	US 5,319,705 A (HALTER et al.) 07 June 1994, col. 2, lines 10-67, the ABSTRACT, and FIG. 1.	1-83
X	US 5,418,713 A (ALLEN) 23 May 1995, the ABSTRACT, FIGs. 1-8, col. 5, lines 20-67, and col. 6, lines 1-67.	1-83
Y	US 5,644,727 A (ATKINS) 01 July 1997, the ABSTRACT.	1-83
Y	US 4,967,403 A (OGAWA et al.) 30 October 1990, the ABSTRACT.	1-83

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
*A* document defining the general state of the art which is not considered to be of particular relevance	*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
*E* earlier document published on or after the international filing date	*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	*A* document member of the same patent family
*O* document referring to an oral disclosure, use, exhibition or other means	
*P* document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

21 AUGUST 2000

Date of mailing of the international search report

06 SEP 2000

Name and mailing address of the ISA/US  
Commissioner of Patents and Trademarks  
Box PCT  
Washington, D.C. 20231

Facsimile No. (703) 305-3230

Authorized officer

JAMES P. TRAMER

Telephone No. (703) 305-9768

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US00/14398

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y,P	US 5,950,173 A (PERKOWSKI) 07 September 1999, the ABSTRACT, FIG. 1, FIG. 3A2, FIG. 2A1, FIG. 2A2, and FIG. 2B.	1-83
Y	US 5,724,521 A (DEDRICK) 03 March 1998, the ABSTRACT, FIGs. 1-7b, col. 1, lines 13-67, and col. 2, lines 1-20.	1-83
Y	US 5,850,442 A (MUFTIC) 15 December 1998, the ABSTRACT, FIGs. 1-32, and col. 5, lines 38-67.	1-83

Form PCT/ISA/210 (continuation of second sheet) (July 1998)\*

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
30 November 2000 (30.11.2000)

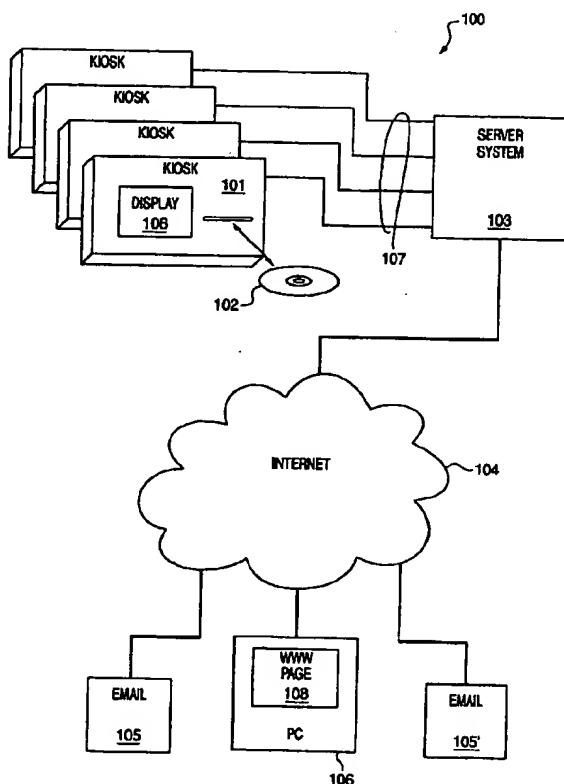
PCT

(10) International Publication Number  
**WO 00/72160 A1**

- (51) International Patent Classification<sup>7</sup>: G06F 13/00
- (21) International Application Number: PCT/US00/14398
- (22) International Filing Date: 25 May 2000 (25.05.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
60/135,854 25 May 1999 (25.05.1999) US  
60/143,601 13 July 1999 (13.07.1999) US
- (71) Applicant: FREEFLYR LLC [US/US]; 1115 Del Verde, Newbury Park, CA 91320 (US).
- (72) Inventors: BARBER, William, H.; 1201 South Corona Street, Denver, CO 80210 (US). TOMASI, Philip, J.; 1115 Del Verde, Newbury Park, CA 91320 (US).
- (74) Agents: VOCK, Curtis, A. et al.; Duft, Graziano & Forest, P.C., P.O. Box 270930, Louisville, CO 80027 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— With international search report.

[Continued on next page]

(54) Title: DISK DISPENSING AND RETRIEVAL SYSTEM WITH AUTOMATED QUALITY CONTROL AND INTERNET USAGE FEEDBACK



(57) Abstract: A kiosk (200) dispenses and receives recorded optical disk media (214) using an interconnected (107) system central server computer (300) through an Internet Service Provider (401). The system central server (300) contains databases and processing, and is connected to a credit verification system (410). The central databases collect inventory administration information and customer data from the kiosks (200) including credit card and email addresses (105). The central server (300) initiates credit verification and sends receipts to customers via email (105). The central server (300) maintains databases that are used for remote inventory control and administration of the kiosk network. A kiosk (200) has the capability to identify a recorded disk (214) for automated restocking and may also perform quality assessment (800) of a recorded disk (214). A kiosk (200) may also provide publishing-on-demand or act as a portal for remotely served advertisement.

WO 00/72160 A1